

1571

Sea Battle of LEPANTO

Gulf of
Patras off
the Coast of Greece

Muslim power in the Mediterranean was blunted. Christians sank 80 Turkish galleys, took 130. Only 40 escaped in the greatest sea battle since antiquity. Torred into the van by galleys, six large Venetian galleasses splintered the Turks with broadsides that freshadored the end of warfar under oars. Decked to protect rowers

and provide a platform for guns and soldiers, the galleasses were

maneuvered by 50-foot sweeps.

more than 400 Christian & Turkish Gallies charged
la. other Christians (Pope's blessing) commanded
by Don John of Austria. Christian arquebuses
opened fire; Turkish Arrows answered.
supplying hooks, 24,000 Turks killed; 8000 Christians

1571

1912 Dates J-BK

Spain & Netherlands

Battle of LEPANTO

1571

1912 Dates J-BK

Moscow was burned by
the CRIM-TATARS

1571-1630

JOHANNES KEPLER.

- 3 KEPLER'S LAWS: ① Each planet orbits the sun in an ellipse of which the sun is at one focus
- ② The line between a planet and the sun sweeps out equal areas in equal times: hence the planet moves faster when closer to the sun than it does when further away.
- ③ The square of the time taken by a planet to orbit the sun is proportional to the cube of its Mean distance from the sun

1571

Spanish establish Manila in
the Phillipines

1571

tusser's farming calendar

1571-1630

John Kepler

Student of TYCHO BRAHE

For fifteen years he calculated until at last he was successful in discovering the true orbits and the laws under which the planets move in them.

LAW 1 The orbit of each planet is an ellipse having the SUN as one of the foci.

LAW 2 As the planet moves around the

So the areas swept out by radius vectors
& the ellipse are the same.

Its radius vector sweeps out equal
areas in equal times

LAW 3 The SQUARE of the TIME in which
each planet completes its orbit is
proportional to the CUBE of its
MEAN distance from the sun

1571

Spani

Battle of LEPANTO. Turks
are defeated by the Holy League
under John of Austria.

1571

Russia is devastated by the
~~TARTAR~~ TATARS and
Moscow burned.

1571

Turks are defeated at
the battle of LEPANTO

Ottoman Empire